Examiner's Amendment

1.   An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no lather than the payment of the issue fee.

2.   Authorization for this examiner's amendment was given in a telephone interview

with Ms. Leslie A. Van Leeuwen, (Registration number: 42,196), on 4/29/08.

3.   The claims have been amended as follows:

1.   A method for loading software on a plurality of processors in a

heterogeneous processor environment, said method comprising:

        executing a program on a first processor;

        in response to executing the program, loading a runtime loader onto the

first processor;

        using the runtime loader loaded on the first processor to retrieve an

executable file;

        using the runtime loader to extract a processor identifier from the

executable file, the processor identifier corresponding to the executable file;

        determining, using the runtime loader, whether to load the executable file

on a second processor based upon whether the processor identifier

corresponding to the second processor;

using the runtime loader to load the executable file from the first processor

onto the second processor in response to determining that the processor

identifier corresponds to the second processor;

sending a plug-in to the second processor using the first processor, the

plug-in corresponding to the executable file;

sending data to the second processor using the first processor, the data

corresponding to the plug-in; and

processing the data with the plug-in using the second processor.

2.   (Canceled)

3.   (Canceled)

4.   (Canceled)

5.   (Canceled)

6.   The method as described in claim 1 wherein the executable file is in a file

format, and wherein the file format is selected from the group consisting of an

ELF format, an XCOFF format, and a PECOFF format.

7.   The method as described in claim 1 wherein the processor identifier is a

machine type, the determining further comprising:

extracting the machine type from the file; and

comparing the machine type to a plurality of machine types.

8.   The method as described in claim 1 wherein the file is part of a combined

file, and wherein the processor type corresponds to one or more section

headers from a plurality of section headers.

9.   The method as described in claim 1 wherein the file is part of a combined

file, and wherein the combined file includes one or more processor identifiers

that correspond to the first processor.

10.   The method as described in claim 1 wherein the first processor is a

processing unit and wherein the second processor is a synergistic processing

unit.

11.   (Canceled)

12.   (Canceled)

13.   (Canceled)

14.   (Canceled)

15.   (Canceled)

16.   (Canceled)

17.   (Canceled)

18.   (Canceled)

19. (Canceled)

20. (Canceled)

21. (Canceled)

22. (Canceled)

23. (Canceled)

24. (Canceled)

25. (Canceled)

26. (Canceled)

27. (Canceled)

28. (Canceled)

29. (Canceled)

30. (Canceled)

Conclusion

4.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Camquy Truong whose telephone number is (571) 272 -

3773. The examiner can normally be reached on 8 AM- 5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Meng-Ai An can be reached on (571) 272-3756. The fax phone number for

the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for published

applications may be obtained from either Private PAIR of Public PAIP. Status

information for unpublished applications is available through Private PAIR only. For

more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you

have questions on access to the Private PAIP system, contact the Electronic Business

Center (EBC) at 866-217-9197(toll-free).

Camquy Truong

May 20, 2008

/Thomas Lee/

Supervisory Patent Examiner, Art Unit 2115